

Engineering Specification

Senva Analog Current Sensor C-1303 Series



1. The current sensor shall induce power from the monitored load.
2. The current sensor shall withstand current of electrical loads from 0 – 50 AAC.
3. The current sensor shall output a 0 – 5 Volt signal with a linear relationship from 0 AAC to the measured current range.
4. The current sensor shall have standard model with a 15 AAC measured current range and an “-L” (low current) model with a 5 AAC current range.
5. The current sensor shall be accurate to +/- 2.0% of the reading over a temperature range of -15° to 60° C.
6. The current sensor shall be isolated to 600 VAC RMS (UL ratings).
7. The current sensor shall be a solid core type with an aperture to accommodate a 1 AWG (0.52”) insulated conductor.
8. The current sensor shall have a mounting tab that allows it to be screw mountable.
9. The current sensor dimensions shall be 2.27” x 1.61” x 0.69” (L x W x H).
10. The sensor shall be UL 508/ CAN/CSA C22.2 No. 14-13. listed to meet the latest applicable safety standards.
11. The sensor shall meet CE and RoHS requirements.
12. The current sensor shall be a Go/No-Go model C-1303.
13. The sensor electronics shall have a 7-year warranty.
14. The sensor shall be manufactured in the USA.
15. The sensor shall be manufactured by Senva.